



VOSH PROGRAM DIRECTIVE: 12-407

ISSUED: February 15, 1994

SUBJECT: Ethylene Oxide Standard (Construction Industry), §1926.1147; and Correction

A. Purpose.

This directive transmits the above-referenced standard and its correction to field personnel.

This Program Directive is an internal guideline, not a statutory or regulatory rule, and is intended to provide instructions to VOSH personnel regarding internal operation of the Virginia Occupational Safety and Health Program and is solely for the benefit of the program. This document is not subject to the Virginia Register Act or the Administrative Process Act; it does not have general application and is not being enforced as having the force of law.

B. Scope.

This directive applies to all VOSH personnel and specifically to Occupational Health Enforcement and On-Site Consultation Personnel.

C. Reference.

58 Fed. Reg. 35076 (June 30, 1993)
58 Fed. Reg. 40468 (July 28, 1993)

D. Cancellation.

Not Applicable.

E. Action

The Assistant Commissioner, Directors and Supervisors shall assure that employers comply with the requirements of the Ethylene Oxide Standard for the Construction Industry, §1926.1147, and its correction.

F. Effective Date

March 1, 1994.

G. Expiration Date

Not Applicable.

H. Background.

On June 30, 1993, federal OSHA published in the Federal Register (58 Fed. Reg. 35076) the Incorporation of General Industry Safety and Health Standards applicable to Construction Work. This incorporation of standards, involving approximately 90 individual general industry standards, includes the new Ethylene Oxide standard for the Construction Industry, §1926.1147.

When the new construction industry standard for Ethylene Oxide was published, it contained an error in its Appendix D. On July 28, 1993, federal OSHA published the correction in the Federal Register (58 Fed. Reg. 40468).

On November 15, 1993, the Safety and Health Codes Board adopted both the new Ethylene Oxide standard for the Construction Industry and the correction to the standard, with an effective date of March 1, 1994.

I. Summary.

On November 15, 1993, the Safety and Health Codes Board adopted a correction to an error that appeared in Appendix D of the construction industry standard for Ethylene Oxide, §1926.1147. This non-mandatory appendix entitled, "Sampling and Analytical Methods for Ethylene Oxide [Non-Mandatory]", discusses several available methods for monitoring employee exposures to Ethylene Oxide (EtO). The revision substitutes an incorrect mathematical equation for the correct equation in evaluating data to determine the precision of the analytical method used.

In the correction which appears in the first column of Appendix D of the Standard, the Board adopted the removal of the reference, "Insert illus. 44", and replaced the equation, "CV+0.036", with the following equation:

$$CV = \frac{3(.0277)^2 + 3(.0452)^2 + 3(.0333)^2}{3+3+3}$$

Carol Amato
Commissioner

Attachment: 58 Fed. Reg. 35076 (June 30, 1993); and
http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=FEDERAL_REGISTER&p_id=13309&p_text_version=FALSE

58 Fed. Reg. 40468 (July 28, 1993)
http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=FEDERAL_REGISTER&p_id=13321&p_text_version=FALSE

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